

## ABSTRACT

The present invention relates to an electrical cable system and a method for manufacturing an electrical cable system (1) comprising an electrical cable (10) containing a conductor core (2) and for installing said electrical cable system over a longitudinally expandable-contractible element (1', 6) characterized in that it comprises the successive steps of:

- disposing a secondary element (3) over said electrical cable so as to give said electrical cable substantially attached undulations (100) thereby forming an additional length,
- installing by clamping at least at two points said electrical cable system to said longitudinally expandable-contractible element,
- handling said secondary element after said clamping so as to release the attachment of said undulations thereby converting said additional length into a free to be used excess length.

Figure to be published : figure 1